

What is claimed is:

1. An evaluation system of vocabulary knowledge level in a bilingual operating system, comprising:

5        a first storage module, which is used to store a program of the evaluation system;  
            a second storage module, which is used to save a temporary information of the evaluation system;

an input interface module, which is used to enter a text-source data and an ID code;

10        a database module, which is used to store a classification table of vocabulary levels, a bilingual dictionary and an user's ID database;

      a microprocessor, which is used to retrieve the temporary information of the evaluation system from the second storage module, the ID code and the text-source data from the input interface module, and to obtain a text information related to the text-source data, an user's vocabulary knowledge level according to the program of the evaluation system stored in the first storage module, the classification table of vocabulary levels, the bilingual dictionary and the user's ID database stored in the database module; and

20        a display module, which is used to receive and display the text information of the text-source data and the user's vocabulary knowledge level.

2. The evaluation system of vocabulary knowledge level of claim 1, wherein the text-source data is a plurality of articles.

25        3. The evaluation system of vocabulary knowledge level of claim 1, wherein the

first storage module is selected from a group consisting of a read only memory, an electric erasable programmable read only memory and a flash memory.

4. The evaluation system of vocabulary knowledge level of claim 1, wherein the

5 first storage module is a non-volatile memory.

5. The evaluation system of vocabulary knowledge level of claim 1, wherein the

database module is a non-volatile memory.

10 6. The evaluation system of vocabulary knowledge level of claim 1, wherein the database module is selected from a group consisting of a read only memory, an electric erasable programmable read only memory and a flash memory.

7. The evaluation system of vocabulary knowledge level of claim 1, wherein the

15 input interface module is a keyboard.

8. The evaluation system of vocabulary knowledge level of claim 1, wherein the bilingual operating system is selected from a group consisting of an English-Chinese bilingual system, a Chinese-English bilingual system, an English-Japanese bilingual system, a Japanese-English bilingual system, an English-Korean bilingual system, a Korean-English bilingual system, a Japanese-Chinese bilingual system and a Chinese-Japanese bilingual system.

9. The evaluation method of vocabulary knowledge level in a bilingual operating

25 system, comprising:

- 1000 800 600 400 200
- inputting a text-source data that is consisting of a plurality of words;
  - inputting an ID code;
  - performing an ID examination for checking the ID code, wherein an user's vocabulary knowledge level is obtained if the ID code exists in an user's ID database,
  - 5 and a vocabulary inquiry procedure is performed for searching for the text-source data and providing a text information that is related to the text-source data and the grade of the text information that is not under the user's vocabulary knowledge level according to a bilingual dictionary;
  - 10 performing the ID examination to check the ID code, wherein a calculation step is performed to compute the number of the words of the text-source data if the ID code does not exist in the user's ID database;
  - 15 performing the vocabulary inquiry procedure for searching for the text-source data and providing the text information that is related to the text-source data according to the bilingual dictionary if the number of words of the text-source data is less than a predetermined number;
  - 20 performing an evaluation procedure for obtaining the user's vocabulary knowledge level according to a classification table of vocabulary levels if the number of words of the text-source data is more than the predetermined number; and
  - performing the vocabulary inquiry procedure for searching for the text-source data and obtaining the text information related to the text-source data according to the user's vocabulary knowledge level obtained from the evaluation procedure and the bilingual dictionary; and
  - displaying the text information.

25 10. The evaluation method of vocabulary knowledge level of claim 9, wherein

the bilingual operating system is selected from a group consisting of an English-Chinese bilingual system, a Chinese-English bilingual system, an English-Japanese bilingual system, a Japanese-English bilingual system, an English-Korean bilingual system, a Korean-English bilingual system, a Japanese-Chinese bilingual system and a  
5 Chinese-Japanese bilingual system.

11. The evaluation method of vocabulary knowledge level of claim 9, wherein the evaluation procedure comprises:

10 dividing the text-source data into a plurality of word groups that have the same number of words;

performing a first word group level evaluation procedure onto the first word group of the plurality of word groups for obtaining a first word group level;

15 performing a second word group level evaluation procedure to the second word group of the plurality of word groups for obtaining a second word group level;

16 performing a word group level average calculation to obtain an averaged word group level between the first word group level of the first word group and the second word group level of the second word group; and

20 obtaining the user's vocabulary knowledge level that is an integral part of the averaged word group level.

12. The evaluation method of vocabulary knowledge level of claim 11, wherein the first word group level evaluation procedure comprises:

25 evaluating the plurality of words of the first word group to obtain a plurality of vocabulary levels of the first word group according to the classification table of vocabulary levels; and

obtaining the first word group level that is an average of the plurality of vocabulary levels of the first word group.

13. The evaluation method of vocabulary knowledge level of claim 11, wherein  
5 the second word group level evaluation procedure comprises:

evaluating the plurality of words of the second word group to obtain a plurality of vocabulary levels of the second word group according to the vocabulary level classification table; and

- 10 obtaining the second word group level that is an average of the plurality of vocabulary levels of the second word group.

14. The evaluation method of vocabulary knowledge level of claim 11, wherein the first word group level evaluation procedure comprises:

- 15 evaluating the plurality of words of the first word group to obtain a plurality of vocabulary levels of the first word group according to the classification table of vocabulary levels;

obtaining a plurality of square values of the plurality of vocabulary levels of the first word group; and

- 20 obtaining the first word group level that is an integral part of a square root of an average of the plurality of square values of the plurality of vocabulary levels.

15. The evaluation method of vocabulary knowledge level of claim 11, wherein the second word group level evaluation procedure comprises:

- 25 evaluating the plurality of words of the second word group to obtain a plurality of vocabulary levels of the second word group according to the classification table of

vocabulary levels;

obtaining a plurality of square values of the plurality of vocabulary levels of the second word group; and

obtaining the second word group level that is an integral part of a square root of

5 an average of the plurality of square values of the plurality of vocabulary levels.

16. The evaluation method of vocabulary knowledge level of claim 9, wherein the vocabulary level classification table comprising:

level 1, which includes the words that first-year and second-year junior high

10 school students should know;

level 2, which includes the words that third-year junior high school students should know;

level 3, which includes the words that first-year and second-year senior high school students should know;

15 level 4, which includes the words that third-year senior high school students should know;

level 5, which includes the words that an user who wants to take TOEFL tests should know; and

20 level 6, which includes the words that an user who wants to take GRE tests should know.

17. The evaluation method of vocabulary knowledge level of claim 9, wherein the predetermined number is 5.

25 18. The evaluation method of vocabulary knowledge level of claim 9, wherein

the evaluation procedure comprises:

inputting an user's academic degree; and

generating the user's vocabulary knowledge level according to the user's academic degree.

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19. The evaluation method of vocabulary knowledge level of claim 9, wherein the evaluation procedure comprises a step of generating the user's vocabulary knowledge level that is predetermined.

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20. The evaluation method of vocabulary knowledge level of claim 9, wherein the evaluation procedure comprises:

providing a plurality of tests to an user for answering; and

obtaining the user's vocabulary knowledge level according to a plurality of answers of the plurality of tests that are answered by the user.

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